

§ 107.251

dilution, and solid content and for certification as a suitable firefighting foam.

(5) *Premix aqueous film forming foam*: Remove the pressure cartridge and replace the cartridge if the seal is punctured, sampling the premix solution in accordance with the manufacturer's instructions, and replacing any cylinders that are discharged.

[CGD 73-251, 43 FR 56802, Dec. 4, 1978, as amended by CGD 84-044, 53 FR 7749, Mar. 10, 1988; USCG-2006-24797, 77 FR 33881, June 7, 2012]

§ 107.251 Testing of the fire main.

Each fire main system must be opened and the pressure checked at—

- (a) The most remote outlet; and
- (b) The highest outlet.

§ 107.257 Testing of fire hose.

Each fire hose must be subjected to a test pressure equivalent to the maximum pressure to which it may be subjected during operation. However, each fire hose must be subjected to a pressure of at least 100 p.s.i.

§ 107.258 Crane certification.

(a) The Coast Guard may accept current certificates issued by approved organizations as evidence of condition and suitability of cranes. The following organizations are approved by the Coast Guard as crane certifying authorities:

(1) American Bureau of Shipping, ABS Plaza, 16855 Northchase Drive, Houston, TX 77060.

(2) International Cargo Gear Bureau, Inc., 321 West 44th Street, New York, NY 10036, on the Internet at <http://www.icgb.com>.

(b) Crane certification must be based upon—

(1) A review of plans submitted under § 107.309; and

(2) The continuing program of tests and inspections in § 107.259.

(c) Each load test and inspection by the certifying authority must be re-

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corded in the unit's Crane Record Book required in § 109.437.

[CGD 73-251, 43 FR 56802, Dec. 4, 1978, as amended by CGD 96-041, 61 FR 50730, Sept. 27, 1996; USCG-2000-7790, 65 FR 58461, Sept. 29, 2000; USCG-2007-29018, 72 FR 53966, Sept. 21, 2007; USCG-2008-0906, 73 FR 56510, Sept. 29, 2008]

§ 107.259 Crane inspection and testing.

(a) Each crane must be inspected and tested in accordance with Section 3 of the American Petroleum Institute (A.P.I.) *Recommended Practice for Operation and Maintenance of Offshore Cranes*, API RP 2D, First Edition (October 1972) with supplement 1, except that the rated load test must be performed in accordance with § 107.260.

(b) The tests are witnessed and the inspections are conducted by—

(1) A Coast Guard marine inspector; or

(2) The American Bureau of Shipping (A.B.S.), or the International Cargo Gear Bureau, Inc. (I.C.G.B.) for cranes under certification by these organizations.

(c) If the tests and inspections are conducted by the A.B.S. or the I.C.G.B., the surveyor shall certify that the tests and inspections were conducted in accordance with the A.P.I. specification; or modified by § 107.260.

§ 107.260 Rated load test for cranes.

(a) To meet the requirements in § 107.231(1), each crane must meet the following rated load test at both the maximum and minimum boom angles usually employed in material transfers over the side of the unit:

Rated load of assembled gear	Proof load
Less than or equal to 20 tons ...	25 pct in excess.
Greater than 20 tons but less than or equal to 50 tons.	5 tons in excess.
Greater than 50 tons	10 pct in excess.

(b) The weight of the hook, hook blocks, slings, rib, and other rigging, except the hoist rope, must be considered part of the load for the rated load test.

(c) The rated load test must be performed—

- (1) When the crane is installed;
- (2) Each 60 months; and